

Features and Components

Expand-O-Flash expansion joint covers are flexible, weather-proof exterior covers for expansion joint openings and are an effective, flexible closure for a wide variety of standard and special applications. Each Expand-O-Flash cover is a combination of a flexible rubber membrane, supported by a closed cell foam to form flexible bellows, with two metal flanges, adhesively and mechanically combined to the bellows by a patented bifurcation process.

As expansion joints move, the greatest stress occurs in the cover at the point where expansion joints intersect, cross or change directions. Factory-fabricated intersections are designed for maximum flexibility and are produced using special fabrication techniques to ensure watertight, clean seam lines. Close factory tolerance and quality control assures high yield performance.

Use

Designed to manage the movement of commercial and industrial building roof systems: thermal, settlement, new and existing junctions, differing roof deck materials or direction and seismic movement. Compatible with all roof membranes.



Component

S
Specialty

Multi-Ply
Single Ply

Type

EJ
Exp Joint Cov

Advantages

- Accommodates multidirectional movement
- Non-reinforced bellows for both geometric and elastomeric movement
- Designed in a variety of styles for application requirements
- Labor saving factory crafted intersections to fit most needs or custom designed for special needs

Bellows: Widths: 4" - 12" (10.16 cm - 30.48 cm) Standard
(Special sizes are available up to 54" [1.37 m] wide)

Membrane Covers

EPDM (Type E)

Thickness: 0.060" (1.52 mm)

Colors: Black or White* - premium priced and available upon request.

Neoprene* (Type N)

Thickness: 0.060" (1.52 mm)

Color: Black - premium priced and available upon request.

Closed Cell Support Foam

Thickness varies from 0.375" to 0.75" (9.53 mm to 19.1 mm) depending on bellows width.

Flange¹: Aluminum²: .032" (0.81 mm)
Copper: 16 oz. (0.56 mm)
Galvanized Steel²: 26 ga. (0.56 mm)
Stainless Steel: .018" (0.46 mm)

1. Other metals are available upon request.

2. Available in Kynar® finish colored upon request.
Kynar® is a registered trademark of Arkema, Inc.

Styles: CF = Curb mounted
EJ = Curb or Cant mounted
CF/EJ = Curb-to-Wall mounted
INS = Insulated available in all styles

Factory fabricated transitions are available.

System Compatibility This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

Multi-Ply	BUR		APP		SBS			
	HA	CA	CA	HW	HA	CA	HW	SA
	Compatible with all Multi-Ply systems							

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted

Single Ply	TPO		PVC*		EPDM		
	MF	FA	MF	FA	MF	FA	BA
	Compatible with the selected Single Ply systems above						

* PVC membranes are compatible with CF style only.

Energy and the Environment

Pre-Consumer Recycled Content	0%
Post-Consumer Recycled Content	0%

Peak Advantage® Guarantee Information

Covered under the JM Peak Advantage Guarantee when installed in a JM approved roofing system.

*Neoprene and white EPDM qualify for JM 10 year Expand-O-Flash warranty, but do not qualify for JM Peak Advantage Guarantee.

Refer to the Safety Data Sheet and product label prior to using this product. The Safety Data Sheet is available by calling (800) 922-5922 or on the Web at www.jm.com/roofing.

Installation/Application

Refer to JM applicator guides or detail drawings for instructions.

Packaging and Dimensions

Bellows Widths	4" - 12" (10.16 cm - 30.48 cm) Standard (Special up to 54" [1.37 m] wide)		
Roll Lengths*	10 ft (3.05 m)	50 ft (15.24 m)	100 ft (30.48 m)
	CF and CF/EJ available in 10 ft lengths only. 10" and 12" widths are available in 10 ft lengths only.		
Producing Location	Lewiston, ME		

*Other sizes are available, contact JM for more information.

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